IN THE ABSTRACT

Please delete the current Abstract in its entirety and substitute therefor the enclosed New Abstract.

NEW ABSTRACT

A processing method and apparatus for processing an information is based on a sequence of instructions, where a repeated sub-sequence is detected in the sequence of instructions and an allocation between a processing resource and the repeated sub-sequence is determined based on an index information indicating the repetition frequency of the repeated sub-sequence. Thus, a combination of a scalable signal processor with automatic task distribution is provided, where the number of memory accesses can be reduced, as the repeated sub-sequence can be allocated to external processing units, which are correspondingly programmed or which use their embedded memory.